

## Proposal Full View

### Applicant Information

Organization Name  \*  
 Tax ID **946000404**  
 Proposal Name City of Rio Vista - Groundwater Monitoring and Study \*  
 Proposal Objective The City of Rio Vista will install monitoring devices to measure water quality and subsidence. Data from these devices will be collected and evaluated to improve groundwater management and knowledge of the Sacramento Valley - Solano water basin. \*

### Budget

Other Contribution	<input type="text" value="\$0.00"/>	
Local Contribution	<input type="text" value="\$0.00"/>	
Federal Contribution	<input type="text" value="\$0.00"/>	
Inkind Contribution	<input type="text" value="\$0.00"/>	
Amount Requested	<input type="text" value="\$190,000.00"/>	*
Total Project Cost	<input type="text" value="\$190,000.00"/>	*

### Geographic Information

Latitude \* DD(+/-)  MM  SS   
 Longitude \* DD(+/-)  MM  SS

Longitude/Latitude Clarification None Location

Rio Vista is located 48 miles southwest of Sacramento & 65 miles northeast of San Francisco.

County Solano \*  
 Ground Water Basin Sacramento Valley-Solano  
 Hydrologic Region Sacramento River  
 Watershed Sacramento Delta

### Legislative Information

Assembly District 8th Assembly District \*  
 Senate District 5th Senate District \*  
 US Congressional District District 3 (CA) \*

### Project Information

Project Name

Implementing Organization	City of Rio Vista
Secondary Implementing Organization	ENGEO
Proposed Start Date	4/1/2013
Proposed End Date	10/31/2014
Project Scope	The City of Rio Vista proposes to collect sufficient data to update their Urban Water Management Plan.
Project Description	The City of Rio Vista proposes to update their Urban Water Management Plan. The City currently does not have sufficient information on the performance of the local aquifer that is the source of the groundwater supply to the City. The City has had limited funding to allow for the analysis of groundwater data that has been collected from each of the active pumping water supply wells in the City. Critical findings are lacking regarding the ability of the City to adequately meet the water demands of future development with the City.
Project Objective	This study would allow for the initial overview and more detailed analysis of the available data to begin to answer these questions.

### Project Benefits Information

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Use Efficiency - Best Mgt. Practices- Water Supply Enhancement	0	Through the study the City of Rio Vista will better understand the groundwater basin and the wells that provide their water supply. With this information they can better use the water they have available for their residents.
Primary	Management Plans- Groundwater	0	The City will have additional information to use as they update and improve their Groundwater Management Plan.

Project Objective

### Budget

Other Contribution

Local Contribution

Federal Contribution

Inkind Contribution	0
Amount Requested	190000
Total Project Cost	190000

## Geographic Information

Latitude DD(+/-)	38	MM 9	SS 20
Longitude DD(+/-)	121	MM 41	SS 28

Longitude/Latitude Clarification ☐ Nor Location Rio Vista is located 48 miles southwest of Sacramento

County Solano Ground Water Basin Sacramento Valley-Solano Hydrologic Region Sacramento River WaterShed  
Sacramento Delta

## Legislative Information

Assembly District	8th Assembly District
Senate District	5th Senate District
US Congressional District	District 3 (CA)

## Section : Applicant Information and Question's Tab

### APPLICANT INFORMATION AND QUESTION'S TAB

#### Q1. Applicant Information

**Provide the agency name, address, city, state, and zip code of the applicant submitting the application.**

City of Rio Vista 1 Main Street Rio Vista, CA 94571

#### Q2. Proposal Description:

**Provide a brief abstract of the Proposal. This abstract must provide an overview of the proposal including the main issues and priorities addressed in the proposal. Within the abstract, please describe how the proposal relates to the GWMP's BMO's.**

The City of Rio Vista proposes to update their Urban Water Management Plan. The City currently does not have sufficient information on the performance of the local aquifer that is the source of the groundwater supply to the City. The City has had limited funding to allow for the analysis of groundwater data that has been collected from each of the active pumping water supply wells in the City. Critical findings are lacking regarding the ability of the City to adequately meet the water demands of future development with the City. To date the City has been collecting well performance information from each of the city's pumping wells using a SCADA system format. Limited funding has allowed the City to only collect and analyze the well data in very rudimentary terms. This request for funding would allow the City to undertake a more detailed analysis of the data to support a Water Balance Study for the City of Rio Vista. In addition, to evaluate whether additional sources of water are required to meet the City of Rio Vista's (City) future water demands, the perennial yield of groundwater from the local sub-basin within the City is needed. The City currently maintains ten years of pumping data on each of the City's water supply wells. Limited funding has only allowed for the simple reduction of the data to evaluate broad changes in the groundwater levels within each of the wells over time. No studies have been undertaken of the well data to development an understanding of the performance of the groundwater aquifer over time and for the City to determine if the current number and distribution of the wells within City limits will be sufficient to meet future groundwater demands. Questions such as the need for additional pumping wells and their locations have been asked of the City by potential property developers. Could additional water supply wells be properly situated in other City locales that could better serve the future water demands without adversely impacting the local sub basin water supply. This study would allow for the initial overview and more detailed analysis of the available data to begin to answer these questions.

**Q3. Project Director:**

**Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.**

David Melilli Community Development & Public Works Director (707) 374-6451 dmelilli@ci.rio-vista.ca.us

**Q4. Project Manager:**

**Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.**

David Melilli Community Development & Public Works Director (707) 374-6451 dmelilli@ci.rio-vista.ca.us

**Q5. Additional Information:**

**Based on the region's location, what is the applicable DWR region office (Northern, North Central, South Central, or Southern)? The following link can be used to view each DWR region office boundaries:**

[http://www.water.ca.gov/groundwater/groundwater\\_basics/gw\\_contacts\\_info.cfm](http://www.water.ca.gov/groundwater/groundwater_basics/gw_contacts_info.cfm)

- 1) ☐ Northern Region
- 2) ☒ North Central Region
- 3) ☐ South Central Region
- 4) ☐ Southern Region

**Q6. Additional Information:**

**Provide the Date of GWMP Adoption, if any, and list the pursuant Water Code Section or other legal Authority in which it was adopted.**

The GWMP has not yet been adopted.

**Q7. Additional Information:**

**Provide a list of documents that support and indicate collaboration with other local public agencies with regard to the management of the affected groundwater basin (e.g., MOUs, MOAs, JPAs, adoption of a GWMP, recognition of county ordinances in permitting processes, or party to a groundwater basin adjudication order).**

None.

**Q8. Additional Information**

**Name the entity(ies) providing the fund(s) reported in the above Budget section under the category "Other Contribution". If there are no "Other Contributions" Please answer this question with, "No Other Contributions".**

None.

**Q9. Eligibility:**

**List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and email address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB1420, see Attachment 10. If there are none, so indicate.**

City of Rio Vista David Melilli Community Development & Public Works Director (707) 374-6451 dmelilli@ci.rio-vista.ca.us

**Q10. Eligibility:**

Have all of the urban water suppliers, listed in Q9 above, submitted complete 2010 UWMP to DWR? If not, explain why. Have those plans been verified as complete by DWR? If not, explain current status.

Yes, the 2010 UWMP has been submitted to DWR.

### Q11. Completeness Check:

Have all of the fields in the application been completed?

Yes

### Q.11. Completeness Check (cont)

If no, please explain. If yes, answer this question with "NA".

NA

## Section : Application Attachments Tab

### APPLICATION ATTACHMENTS TAB

#### Attachment 1. Authorizing Documentation

Upload authorizing documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: 1#\_LGA12\_CityofRioVista\_AuthDoc\_1ofTotal1.doc

#### Attachment 2. Eligible Applicant Documentation

Upload eligible documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: 2#\_LGA12\_CityofRioVista\_EligDoc\_1ofTotal1.doc

#### Attachment 3. Status of GWMP

Upload the GWMP documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments:

3#\_LGA12\_CityofRioVista\_GWMP\_1ofTotal2.doc,3#\_LGA12\_CityofRioVista\_GWMP\_2ofTotal2.pdf

#### Attachment 4. Project Description

Upload project description here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: 4#\_LGA12\_CityofRioVista\_ProjD\_1ofTotal1.doc

#### Attachment 5. Work Plan

Upload work plan here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: 5#\_LGA12\_CityofRioVista\_WorkPlan\_1ofTotal1.doc

#### Attachment 6. Budget

**Upload budget here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: 6#\_LGA12\_CityofRioVista\_BUDGET\_1ofTotal1.doc

#### **Attachment 7. Schedule**

**Upload schedule here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: 7#\_LGA12\_CityofRioVista\_SCHED\_1ofTotal1.doc

#### **Attachment 8. Quality Assurance**

**Upload quality assurance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: 8#\_LGA12\_CityofRioVista\_QA\_1ofTotal1.doc

#### **Attachment 9. Past Performance**

**Upload past performance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: 9#\_LGA12\_CityofRioVista\_PERFORM\_1ofTotal1.doc

#### **Attachment 10. AB1420 and Water Meter Implementation Compliance**

**Upload 1420 and water meter implementation documentation here, if applicable. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

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